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Bcc: []
From: CN=Alice Yeh/OU=R2/O=USEPA/C=US
Sent: Wed 10/3/2012 3:18:19 PM
Subject: Re: Tierra Response to USEPA Comments on the CSO/SWO QAPP Addendum

My appologies, I don't think I ever responded to your message below. There are 2 comments that are outstanding at this time:

1) Related to Comment 14: The response indicates that SOP L-22 is associated with particulate only, and therefore should not be added to WS 28-1e. However, on Worksheet 20-1e (pg 153 of 304), SOP L-22 is referenced with the LSM Dissolved sample for DOC. On Worksheet 23-1, Analytical Method/SOP References, SOP L-22 is listed as Lloyd Kahn modified method and SOP L-11 is listed as TOC (solid) & POC (filter), Lloyd Kahn USEPA Region 2. Please clarify which SOP(s) are updated to reflect the modification and supply fresh versions of the appropriate SOPs. In addition, please cross check Worksheets 20 and 28 for consistency.

2) SOP No. 9: The description of how residual solids will be disposed of is inconsistent with a description provided to me for use in requesting that PVSC issue a Letter of Authorization (see below). Please make this SOP and any others consistent with the description below - it is particularly important to confirm that nothing will be added to the centrate that is being returned to the CSO.

"In summary, CSO effluent will be pumped from a CSO manhole through a sample collection system consisting of sample collection tanks and a continuous flow centrifuge (CFC) to separate solids from the CSO effluent. The remaining effluent (CSO effluent absent the solids) will be immediately returned to the waste stream at the collection point (in the manhole). The effluent return will occur simultaneously with effluent collection and will occur over the duration of the overflow event (estimated to be 4 to 8 hours). The CSO effluent returned to the manhole will be unaltered save for the removal of particulates by the CFC. No chemical addition or any form of treatment will be performed."

Please send me the revised SOPs and/or Worksheets so that I may provide final approval of the QAPP before sampling begins.

From: "Diane Waldschmidt" <dwaldschmidt@eds-us.net>
To: Alice Yeh/R2/USEPA/US@EPA, "Paul S. Brzozowski" <paul.brzozowski@tierra-inc.com>, "Alain Hebert" <ahebert@bbl-inc.com>
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Date: 06/28/2012 04:23 PM
Subject: Tierra Response to USEPA Comments on the CSO/SWO QAPP Addendum

Hello Alice,

We have reviewed the Comments provided by USEPA on May, 15, 2012 to the Combined Sewer Overflow/Stormwater Outfall Investigation Quality Assurance Project Plan Addendum originally submitted for your review and approval on April 20, 2012. Please find the following documents attached for your

consideration:

- Tierra Solutions, Inc. Response to Comments from USEPA
- Combined Sewer Overflow/Stormwater Outfall Investigation Quality Assurance Project Plan Addendum, Rev.1 (red-line/strike-out)
- Combined Sewer Overflow/Stormwater Outfall Investigation Quality Assurance Project Plan Addendum, Rev.1 "Clean Copy"

Both "clean" and red-line/strike out versions of the revised QAPP Addendum have been provided for convenience. I believe that all of USEPA's comments and questions have been addressed, but as always please feel free to contact me if there are remaining items for us to discuss. Once you and your team have had a chance to review the items attached please provide an indication of USEPA's acceptance of the revised QAPP Addendum as final.

Diane

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[attachment "Transmittal and Response with Attachements 62812.pdf" deleted by Alice Yeh/R2/USEPA/US] [attachment "Addendum CSO-SWO Investigation Plan QAPP Rev.1 RLSO 62812.pdf" deleted by Alice Yeh/R2/USEPA/US] [attachment "Addendum CSO-SWO Investigation Plan QAPP Rev.1 Clean Copy 62812.pdf" deleted by Alice Yeh/R2/USEPA/US]